

April 2010

Percent Pretest

Name _____

Part One

Fill out the missing data in the following table.

Fraction	Decimal	Percent
$\frac{1}{2}$		
	0.5	
		$33\frac{1}{3}\%$
		5%
$\frac{5}{8}$		

Part Two

Solve. Round off all numbers to hundredths if necessary.

- 48 is what percent of 60?
- 60 is 35% of what number?
- What is 85% of 210?
- What is 140% of 12?
- What is $33\frac{1}{3}\%$ of 90?

Part Three

Complete the following Table.

Original Cost	Percent off	Discount	Sale Price
\$20.00	25%		
\$30.00	40%		
	50%	\$25.00	
	$33\frac{1}{3}\%$	\$12.00	
\$100			\$70.00

Part Four

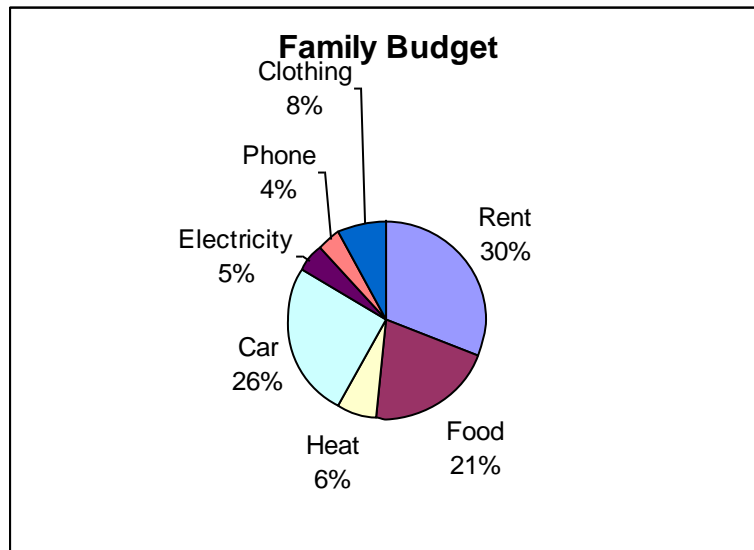
Solve the following word problems. Show your work.

1. In Matt's school 56% of the students are boys. Total number of students in the school is 7000. Find the number of boys.
2. In a town there were 3000 people two years back. The population increased by 10%. What is the population of the town now?

3. A store received 5643 oranges and they sold $23\frac{1}{2}\%$ of them. How many oranges did they sell and how many are left?
4. A shirt was originally \$80. It was on sale for 50% off. It did not sell, so the store reduced that price by another 25%. What is the final sale price of the shirt?
5. A group of kids drank $2\frac{1}{2}$ cups of juice out of a pitcher. 75% of the juice was still left. How much was in the pitcher when it was full?

Part Three

Answer the questions based upon the pie chart.



1. If the family income was \$30 000, how much did the family spend on food?
2. If the family income was \$48 000, how much did the family spend on a car?
3. If the family spent \$375 on phone, what was the family income?
4. If the family spent \$1560 on heat, what was the family income?
5. If the family spent \$1500 on clothing, how much did they spend on rent?